

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Submitted for form 1449/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	10/080,713
				Filing Date	February 25, 2002
				First Named Inventor	Colman <i>et al.</i>
				Group Art Unit	1632
				Examiner	Thaian N. Ton
Sheet	1	of	2	Attorney Docket Number	10758.105015 REV U.S.

3529792 1.DOC

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	U.S. Patent Document Number Kind Code (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pgs, Clms, Lns, Where Relevant Passages/Relevant Figs Appear
TNT	AA	2003-0037347	A1	Robl <i>et al.</i>	02-20-2003	
TNT	AB	2003-0056237	A2	Goldsby <i>et al.</i>	03-20-2003	
TNT	AC	2004-0068760	A1	Robl <i>et al.</i>	04-08-2004	

FOREIGN PATENT DOCUMENTS							
Examiner Initials *	Cite No. ¹	Foreign Patent Document Office ³ Number Kind Code ² (if known)			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TNT	AD	WO	01/35735	A1	Goldsby <i>et al.</i>	05-25-2001	
TNT	AE	WO	02/070648	A2	Robl <i>et al.</i>	09-12-2002	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
TNT	AF	AMSTISLAVSKY, S., <i>et al.</i> , "Transfer of European mink (<i>Mustela lutreola</i>) embryos into hybrid recipients," <i>Theriogenology</i> , 62:458-467 (2004).				
	AG	BAGUISI, A., <i>et al.</i> , "Production of goats by somatic cell nuclear transfer," <i>Nature Biotechnology</i> , 17:456-461 (May 1999).				
	AH	BRINSTER, R.L., <i>et al.</i> , "Targeted correction of a major histocompatibility class II <i>E_a</i> gene by DNA microinjected into mouse eggs," <i>Proc. Natl. Acad. Sci. USA</i> , 86:7087-7091 (September 1989).				
	AI	CAMILLO, F., "Successful non-surgical transfer of horse embryos to mule recipients," <i>Reprod. Dom. Anim.</i> , 38:380-385 (2003).				
	AJ	DAI, Y., <i>et al.</i> , "Targeted disruption of the α 1,3-galactosyltransferase gene in cloned pigs," <i>Nature Biotechnology</i> , 20:251-255 (March 2002).				
	AK	GIBBONS, J., <i>et al.</i> , "Enhanced survivability of cloned calves derived from roscovitine-treated adult somatic cells," <i>Biology of Reproduction</i> , 66:895-900 (2002).				
TNT	AL	HAMMER, C.J., "Compromised development of calves (<i>Bos gaurus</i>) derived from in vitro-generated embryos and transferred interspecifically into domestic cattle (<i>Bos taurus</i>)," <i>Theriogenology</i> , 55:1447-1455 (2001).				

Examiner Signature	<i>th</i>	Date Considered	1/12/05
--------------------	-----------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Submitted for form 1449/PTO				Complete if Known	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/080,713
				Filing Date	February 25, 2002
				First Named Inventor	Colman <i>et al.</i>
				Group Art Unit	1632
				Examiner	Thaian N. Ton
Sheet	2	of	2	Attorney Docket Number	10758.105015 REV U.S.

3529792 1.DOC

TNT	BA	HAYFLICK, L., "From purloined cells to national policy," <i>Current Contents</i> , (3):14 (January 15, 1990).
	BB	HAYFLICK, L., "The limited <i>in vitro</i> lifetime of human diploid cell strains," <i>Experimental Cell Research</i> , 37:614-636 (1965). Provided page numbers 614; 622-623; 626-628; 630-636.
	BC	HIRATA, R.K., <i>et al.</i> , "Efficient PRNP gene targeting in bovine fibroblasts by adeno-associated virus vectors," <i>Cloning and Stem Cells</i> , 6(1):31-36 (2004).
	BD	KATO, Y., <i>et al.</i> , "Cloning of calves from various somatic cell types of male and female adult, newborn and fetal cows," <i>Journal of Reproduction and Fertility</i> , 120:231-237 (2000).
	BE	KIKYO, N., and WOLFFE, A.P., "Reprogramming nuclei: Insights from cloning, nuclear transfer and heterokaryons," <i>Journal of Cell Science</i> , 113:11-20 (2000).
	BF	KOLBER-SIMONDS, D., <i>et al.</i> , "Production of α -1,3-galactosyltransferase null pigs by means of nuclear transfer with fibroblasts bearing loss of heterozygosity mutations," <i>Proc. Natl. Acad. Sci. USA</i> , 101(19):7335-7340 (May 11, 2004).
	BG	LAI, L., <i>et al.</i> , "Production of α 1,3-galactosyltransferase knockout pigs by nuclear transfer cloning," <i>Science</i> , 295:1089-1092 (8 February 2002).
	BH	LOI, P., <i>et al.</i> , "Genetic rescue of an endangered mammal by cross-species nuclear transfer using post-mortem somatic cells," <i>Nature Biotechnology</i> , 19:962-964 (October 2001).
	BI	MIYOSHI, K., <i>et al.</i> , "Development of porcine embryos reconstituted with somatic cells and enucleated metaphase I and II oocytes matured in a protein-free medium," <i>BMC Developmental Biology</i> , 2:12 (11 July 2001) [http://www.biomedcentral.com/1471-213X/1/12].
	BJ	ONO, Y., <i>et al.</i> , "Production of cloned mice from embryonic stem cells arrested at metaphase," <i>Reproduction</i> , 122:731-736 (2000).
	BK	RAMSOONDAR, J.J., <i>et al.</i> , "Production of α 1,3-galactosyltransferase-knockout cloned pigs expressing human α 1,2-fucosyltransferase," <i>Biology of Reproduction</i> , 69:437-445 (2003) [published online before print 2 April 2003].
	BL	RIDEOUT, W.M. III, <i>et al.</i> , "Nuclear cloning and epigenetic reprogramming of the genome," <i>Science</i> , 293:1093-1098 (10 August 2001).
	BM	SENDAI, Y., <i>et al.</i> , "Heterozygous disruption of the α 1,3-galactosyltransferase gene in cattle," <i>Transplantation</i> , 76(6):900-902 (September 27, 2003).
	BN	SUMMERS, P.M., <i>et al.</i> , "Successful transfer of the embryos of Przewalski's horses (<i>Equus przewalskii</i>) and Grant's zebra (<i>E. burchelli</i>) to domestic mares (<i>E. caballus</i>)," <i>J. Reprod. Fert.</i> , 80:13-20 (1987).
TNT	BO	WELLS, D.N., <i>et al.</i> , "Production of cloned calves following nuclear transfer with cultured adult mural granulosa cells," <i>Biology of Reproduction</i> , 60:996-1005 (1999).

Examiner Signature	<i>Thaian</i>	Date Considered	11/2/05
--------------------	---------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.